



Headquarters and State Operations Center

Senator William P. Campbell
Emergency Services Building

Background

The Cal EMA Headquarters building is nearly triple the size of the former Governor's Office of Emergency Services cold war-era headquarters. It was dedicated in May 2001, at a cost of \$38 million. The facility is 118,400 square-foot and provides the agency with centralized office space and the state of the art State Operations Center. This facility covers 12.5 acres at the former Mather Air Force Base, and allows Cal EMA to combine its headquarters operations—planning, response, recovery, hazard mitigation and homeland security programs—from multiple Sacramento offices into one.

Architecture

The contemporary, showcase design is an expression of transparency aimed at operational simplicity and a stress-reduced environment. Natural sunlight and wide sight lines impart a sense of calm in what can often be a highly stressful environment during and immediately following disasters. Nearly every space in the building is touched by diffuse sunlight, which filters through numerous windows and skylights that open

to the outside. The visual space is also enhanced by high ceilings in some parts of the building and few hallways.

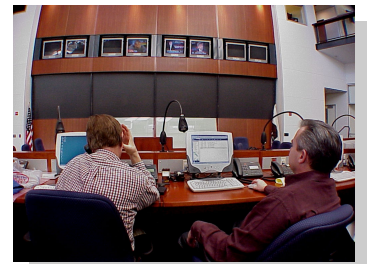
Quick Facts

State Operation Center –
The centerpiece of the Cal EMA facility has 70 workstations for Cal EMA and State agency staff to coordinate disaster response and recovery operations.

Emergency Generator –
1,600 amps, which is enough to operate the State Operations Center when needed.

Computers – The OES computer network is supported by two Cisco Systems servers that operate 10-times faster than OES' previous system.

Electrical – The building is wired with two electrical systems — one system for general use and the other for all computer equipment.



Construction Materials

Exterior

Cobalt blue aluminum composite panels, similar to automobile finish, but never needs painting

Slate colored, profiled metal panels

Water proof insulation

Elasto merric (rubber) roofing material

Interior

Cherry wood paneling, utilizing cherry veneer from a sustainable forest

Electricity Conservation

The building uses 20 percent less energy than required by the state's energy efficiency building codes.

Exterior

Low "E" Glazing

Dominant North Glazed Exterior

All South, East and West glazing is protected by fixed, manual or motorized sun controls

Large and numerous tree plantings maximize parking area shading

Interior

Automated lighting controls with T-5 Lamps and high efficiency electronic ballasts, throughout the facility
Light shelves, skylights, tapered ceilings and clerestories

provide outdoor light deep inside the facility

Energy management system with HVAC energy reduction cycle

Hydronic mechanical system

Specified variable frequency HVAC fans

"Green Building" Elements

Recycled cabinet casework core material

Used certified sustainable forest products for wood veneers

Recycled dry-wall paper

Recycled content in flooring products

Recycled content in modular systems furniture

Low VOC paints and sealers

Recycled content in acoustical ceiling tiles

Landscape irrigation system utilizes reclaimed water

Aluminum shop filings used to sound insulate window mullions

